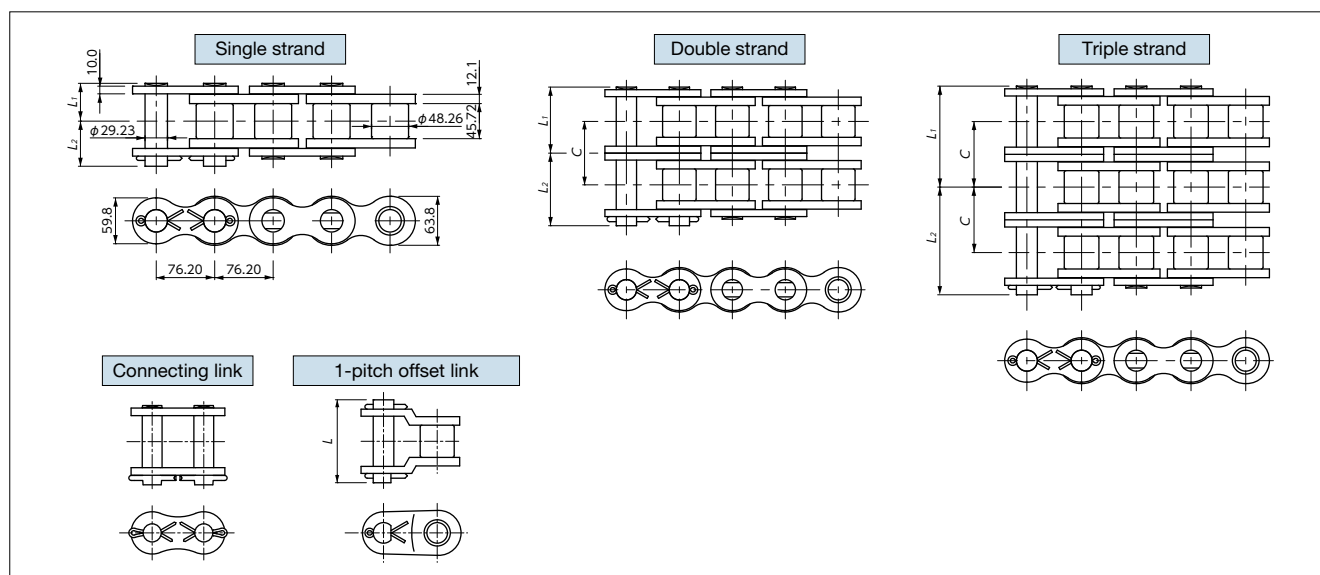




Specifications

Size	Number of strands	Dimensions L_1	Dimensions L_2	Offset pin length L	Transverse pitch C	Min. tensile strength kN{kgf}	ISO "B" tensile strength kN{kgf}	Max. allowable load kN{kgf}	Approx. mass kg/m
RS48B	1	49.3	58.8	117.7		565 {57600}	560 {57100}	77.0{7850}	25.00
	2	95.0	104.4	209.0	91.21	1000{102000}	1000{102000}	131 {13400}	50.00
	3	140.6	150.0	300.2		1520{155000}	1500{153000}	193 {19700}	75.00

Note: 1. Maximum allowable load when using one-pitch and two-pitch offset links is 60% of the above.

Maximum allowable load when using connecting links is 80% of the above.

2. Number of links per unit = 40.

RS48B Maximum kilowatt ratings table (kW ratings for single strand chain)

Small sprocket no. of teeth	Small sprocket max rpm																			
	5	10	15	20	25	30	40	50	60	80	100	125	150	175	200	250	300	350	400	450
	AI				AII				B								C			
9	3.35	6.25	9.00	11.7	14.3	16.8	21.8	26.6	31.4	40.6	49.7	60.7	71.5	76.2	78.6	80.5	79.2	75.2	69.0	60.7
10	3.75	7.00	10.1	13.1	16.0	18.8	24.4	29.8	35.1	45.5	55.6	68.0	80.1	84.1	86.6	88.5	86.9	82.3	75.2	65.8
11	4.16	7.76	11.2	14.5	17.7	20.9	27.0	33.0	38.9	50.4	61.7	75.4	87.6	91.7	94.5	96.4	94.4	89.1	81.1	70.6
12	4.57	8.53	12.3	15.9	19.5	22.9	29.7	36.3	42.8	55.4	67.7	82.8	94.9	99.3	102	104	102	95.7	86.7	75.0
13	4.98	9.30	13.4	17.4	21.2	25.0	32.4	39.6	46.6	60.4	73.9	90.3	102	107	110	112	109	102	92.0	79.1
14	5.40	10.1	14.5	18.8	23.0	27.1	35.1	42.9	50.5	65.5	80.0	97.8	109	114	117	119	115	108	97.0	82.9
15	5.82	10.9	15.6	20.3	24.8	29.2	37.8	46.2	54.4	70.5	86.2	105	116	121	124	126	122	114	102	86.3
16	6.24	11.6	16.8	21.7	26.5	31.3	40.5	49.5	58.4	75.6	92.4	113	123	128	132	133	128	119	106	89.4
17	6.66	12.4	17.9	23.2	28.3	33.4	43.3	52.9	62.3	80.7	98.7	121	130	135	138	140	135	125	110	92.2
18	7.08	13.2	19.0	24.7	30.1	35.5	46.0	56.3	66.3	85.9	105	128	136	142	145	146	141	130	114	94.6
19	7.51	14.0	20.2	26.1	32.0	37.7	48.8	59.6	70.3	91.0	111	134	143	149	152	152	146	134	118	96.7
20	7.93	14.8	21.3	27.6	33.8	39.8	51.6	63.0	74.3	96.2	118	141	149	155	158	159	152	139	121	98.5
21	8.36	15.6	22.5	29.1	35.6	42.0	54.4	66.4	78.3	101	124	147	156	162	165	165	157	143	124	100
22	8.80	16.4	23.6	30.6	37.4	44.1	57.2	69.9	82.3	107	130	153	162	168	171	170	162	147	126	101
23	9.23	17.2	24.8	32.1	39.3	46.3	60.0	73.3	86.4	112	137	159	168	174	177	176	167	151	129	102
24	9.66	18.0	26.0	33.6	41.1	48.5	62.8	76.7	90.4	117	143	164	174	180	183	182	171	154	131	102
25	10.1	18.8	27.1	35.2	43.0	50.6	65.6	80.2	94.5	122	150	170	180	186	189	187	176	157	133	102
26	10.5	19.7	28.3	36.7	44.8	52.8	68.5	83.7	98.6	128	156	176	186	192	195	192	180	160	134	102

Note: 1. kW ratings when using offset links are 80% of the above.

2. Please contact a Tsubaki representative prior to use of kW ratings in the shaded area of the table.

Multi-strand factors

Number of chain strands	Two strands	Three strands
Multi-strand factor	1.7	2.5

Lubrication systems and methods

Lubrication system	AI	AII	B	C	Details on pg. 218
Method	Manual lubrication	Drip lubrication	Oil bath or slinger disc lubrication	Forced pump lubrication	

Model numbering example

RS48B -1 -RP + 30L -MWJR

Size

Number of strands

Pin type

Number of links

End link

Note: Standard roller chains do not require series selection.